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TITLE: OUT OF STOCK PARTS PREDICTING SYSTEM FOR PRODUCTION OF IDENTICAL TYPE MACHINE

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide an out of stock part predicting system for production of same type of machine which can comprehend the numbers of parts in stock with high accuracy, and at the same time, can appropriately predict out of parts when producing the identical type of printed board units.

SOLUTION: A parts out of stock predicting system is provided with a parts-in-stock database 10, in which the parts constituting a printed board unit and the required numbers of the parts and the total number of reel members required for the production are registered at the time of continuity the production of the identical type of printed board units and an actual data collecting means 11, which updates the data registered in the parts-in-stock database by reel members by calculating the consumption of parts by each minimum units of the number of produced printed board units, and at the same time, informing the replenishing timing of the parts in order by means of an informing means. When the printed board units are produced continuously, the data about the number of parts in stock are updated by each minimum unit of the number of produced printed board units which is the data about the actual production against the out of stock parts in containing the parts constituting the printed board units, the required numbers of the parts, and the total number of reel members required for the production. Consequently, the number of parts in stock can be updated immediately, based on the actual production of the printed board unit.